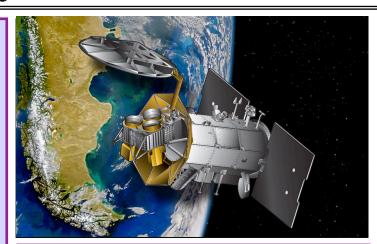


AQUARIUS/SAC-D

Project Overview

Salient Features

- NASA-CONAE Partnership Science Mission
- NASA's L-band Radiometer / Scatterometer
- CONAE's Service Platform & MOC
- Dedicated Delta II launch vehicle provided by NASA
- · Launch date: April 2011
- · Aquarius Operational life: 3 years
- · Aquarius PI: Gary Lagerloef, ESR
- · SAC-D PI : Sandra Torrusio, CONAE
- Aquarius Project Manager: Amit Sen, NASA JPL
- · SAC-D Project Manager: Luis Genovese, CONAE
- Aquarius Project Scientist: Yi Chao, NASA JPL
- JPL Program Manager: Steven Bard, NASA JPL
- · NASA Program Exec.: Eric lanson, NASA HQ
- NASA Program Scientist: Eric Lindstrom, NASA HQ





Science

- · Investigate the links between the global water cycle, ocean circulation and climate
- Make global, space-based measurements of Sea Surface Salinity (SSS)
- Provide 0.2 psu accuracy at monthly, 100 km resolution
- Observe and model seasonal and year-to-year variations of SSS, and how these relate to changes in the water cycle and ocean circulation
- Aquarius will yield an unprecedented view of ocean's role in climate and weather